



CREDENTIALS

- ◆ B.S., Chemical Engineering, The Pennsylvania State University, 2018
- ◆ Method 9 Certification, Pennsylvania State University – 2019
- ◆ ALL4 Air Quality 101 – 2018
- ◆ ALL4 CMS Training – 2018

PROFESSIONAL EXPERIENCE

- ◆ **April 2020 – Present:** ALL4 LLC, Kimberton, PA – Consulting Engineer
- ◆ **April 2019 – Present:** ALL4 LLC, Kimberton, PA – Project Engineer
- ◆ **June 2018 – April 2019:** ALL4 LLC., Kimberton, PA – Staff Engineer
- ◆ **May 2017 – August 2017:** Herculite Products, Emigsville, PA – Innovation Engineering Intern

TECHNICAL EXPERTISE

- ✓ State and Federal air permit programs including Nonattainment NSR, PSD, Title V, construction permit applications
- ✓ Annual/semiannual compliance and emissions reporting
- ✓ PSD Applicability Analyses
- ✓ Toxic Release Inventory (TRI) Reporting
- ✓ PADEP Exemption No. 38(b) and (c) Compliance
- ✓ 40 CFR Part 60, Subparts OOOO and OOOOa Compliance and Reporting
- ✓ Meteorology Tower Auditing
- ✓ Toxic Release Inventory (TRI) Reporting
- ✓ U.S. EPA Reference Method 9 Visible Emissions Testing
- ✓ Continuous emissions monitoring system (CEMS) data reconciliation, system audits, quarterly and semiannual reporting
- ✓ ESC StackVision, RegPerfect, and VIM CEMLink 6 Software
- ✓ Best Available Control Technology (BACT) analyses and Lowest Achievable Emissions Rate (LAER) Analyses
- ✓ Air emissions inventory development and submissions.

PROFESSIONAL OVERVIEW

As a Consulting Engineer, Katie Fritz has assisted in a number of air quality permit applications and compliance activities in Pennsylvania and other states such as: preparation of Title V Operating Permits (TVOP), Synthetic Minor Operating Permits (SMOP), emissions inventory development, construction permit applications, periodic compliance reporting, New Source Review (NSR) and Prevention of Significant Deterioration (PSD) permitting, Continuous Emission Monitoring Systems (CEMS) data reconciliation and reporting, and Toxic Release Inventories (TRI). Ms. Fritz has participated in several project teams dealing with industries such as power generation, petroleum refining, oil and gas upstream and midstream operations, lead-acid battery manufacturing, pulp and paper mills, food manufacturing, internal combustion engines (ICE), glass manufacturing, and power generation in various states